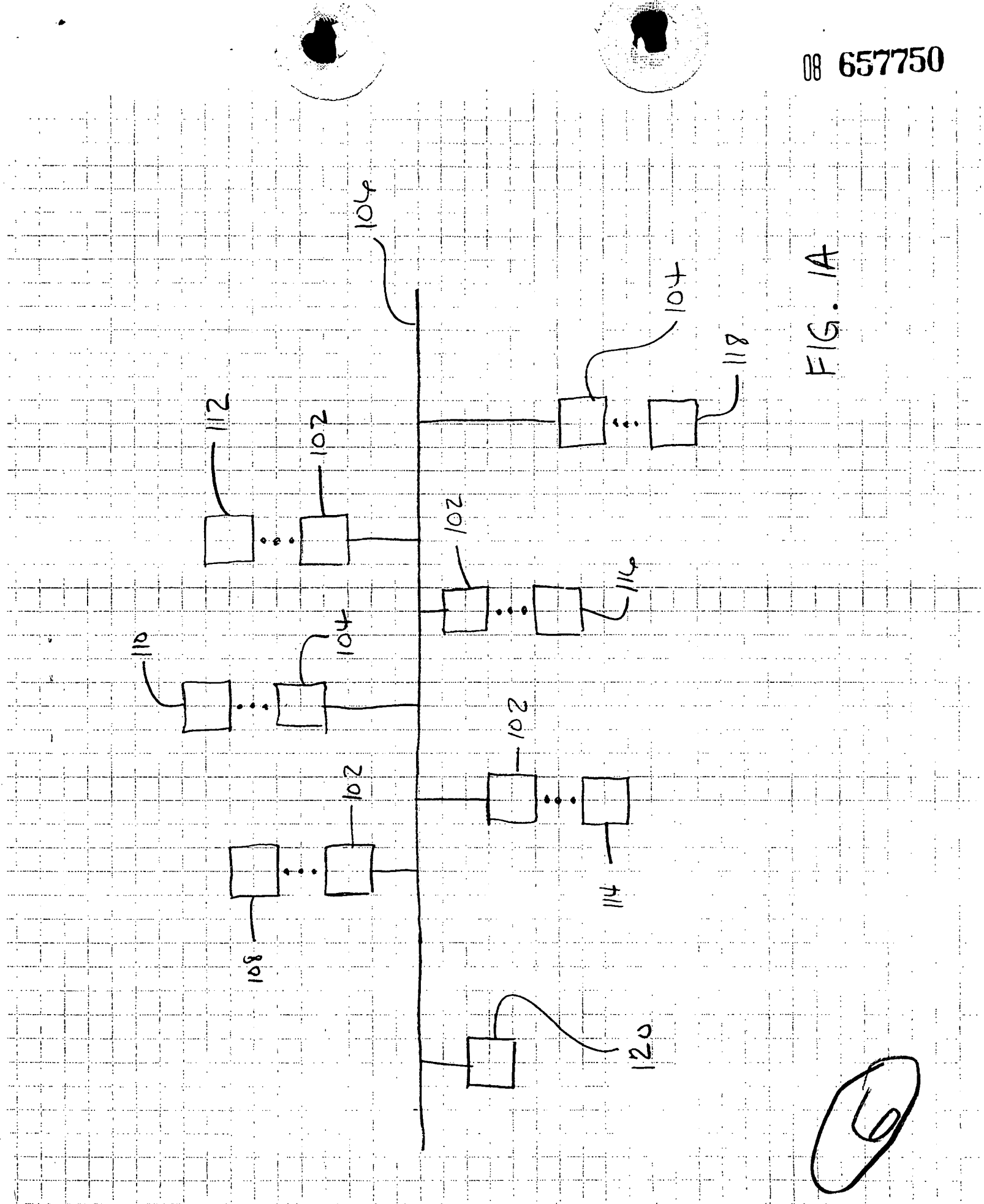

FIG. 1A

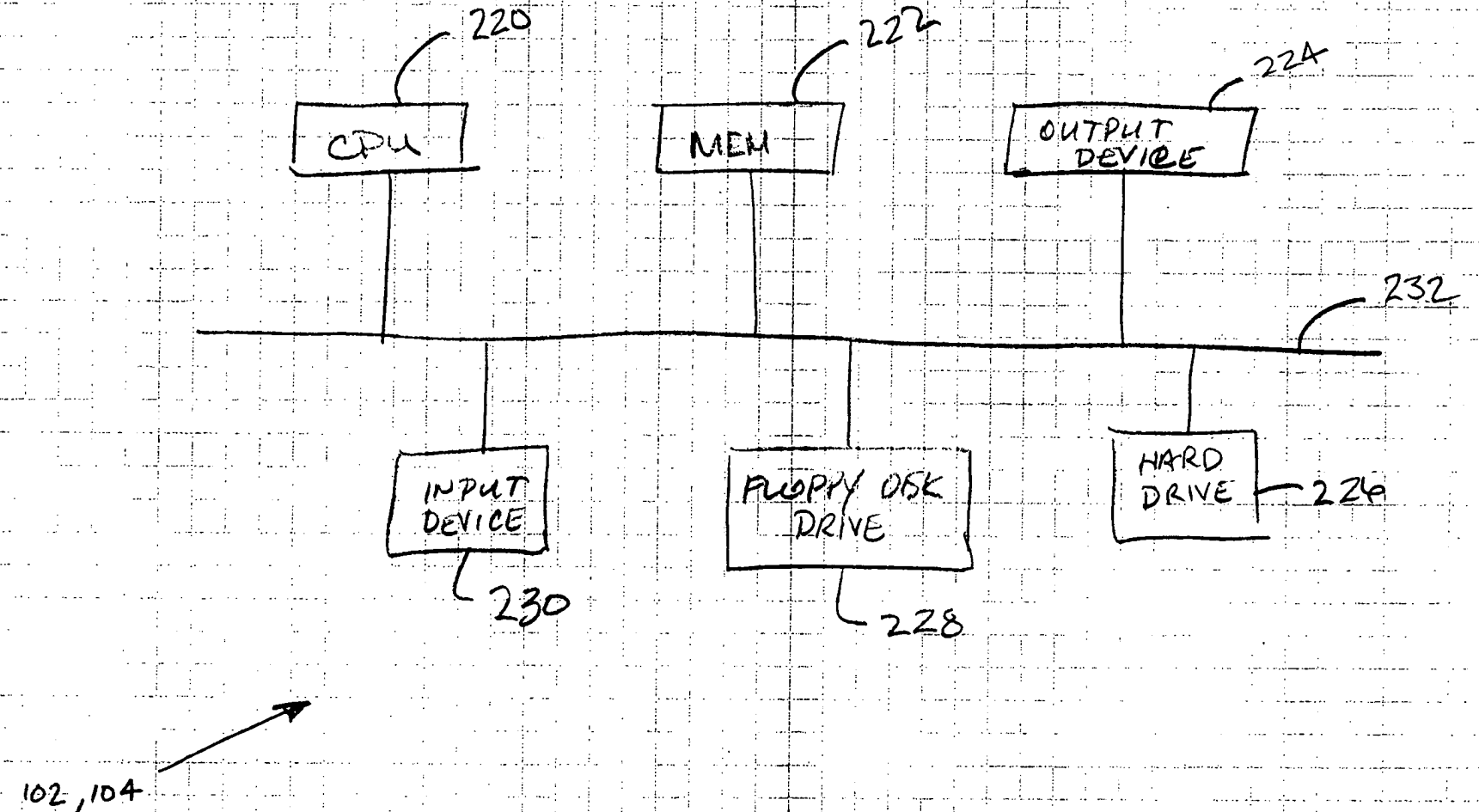

FIG. 1B

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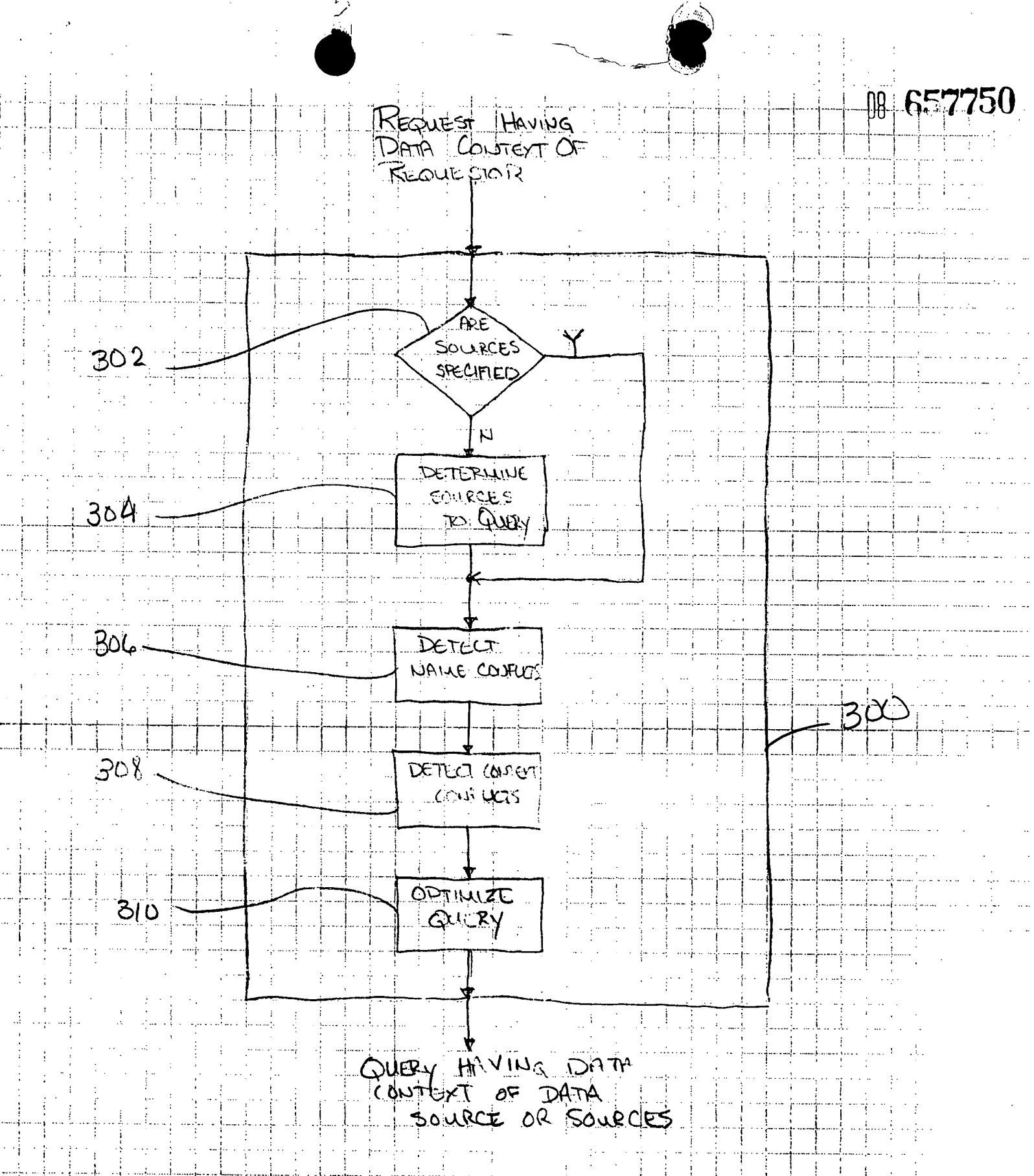
REQUEST HAVING DATA CONTEXT OF REQUESTOR
ARE SOURCES SPECIFIED
Y
N
302
DETERMINE SOURCES TO QUERY
304
DETECT NAME CONFLICTS
306
DETECT CONTENT CONFLICTS
308
OPTIMIZE QUERY
310
300
QUERY HAVING DATA CONTEXT OF DATA SOURCE OR SOURCES

FIG. 2

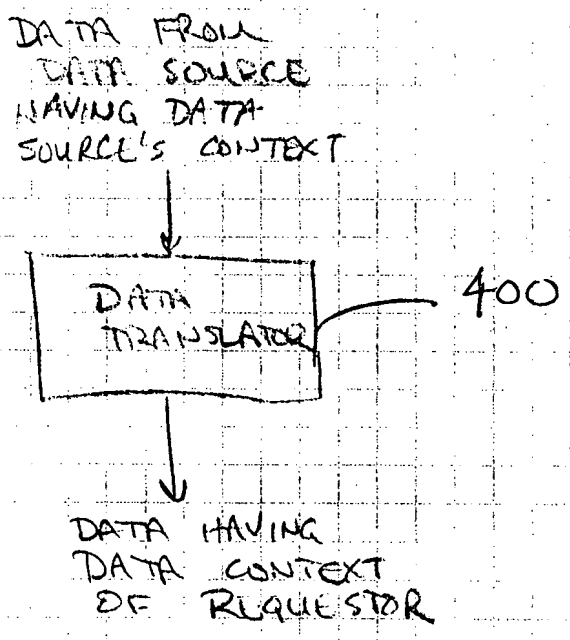
DATA FROM DATA SOURCE HAVING DATA SOURCE'S CONTEXT
DATA TRANSLATOR
400
DATA HAVING DATA CONTEXT OF REQUESTOR

FIG. 3

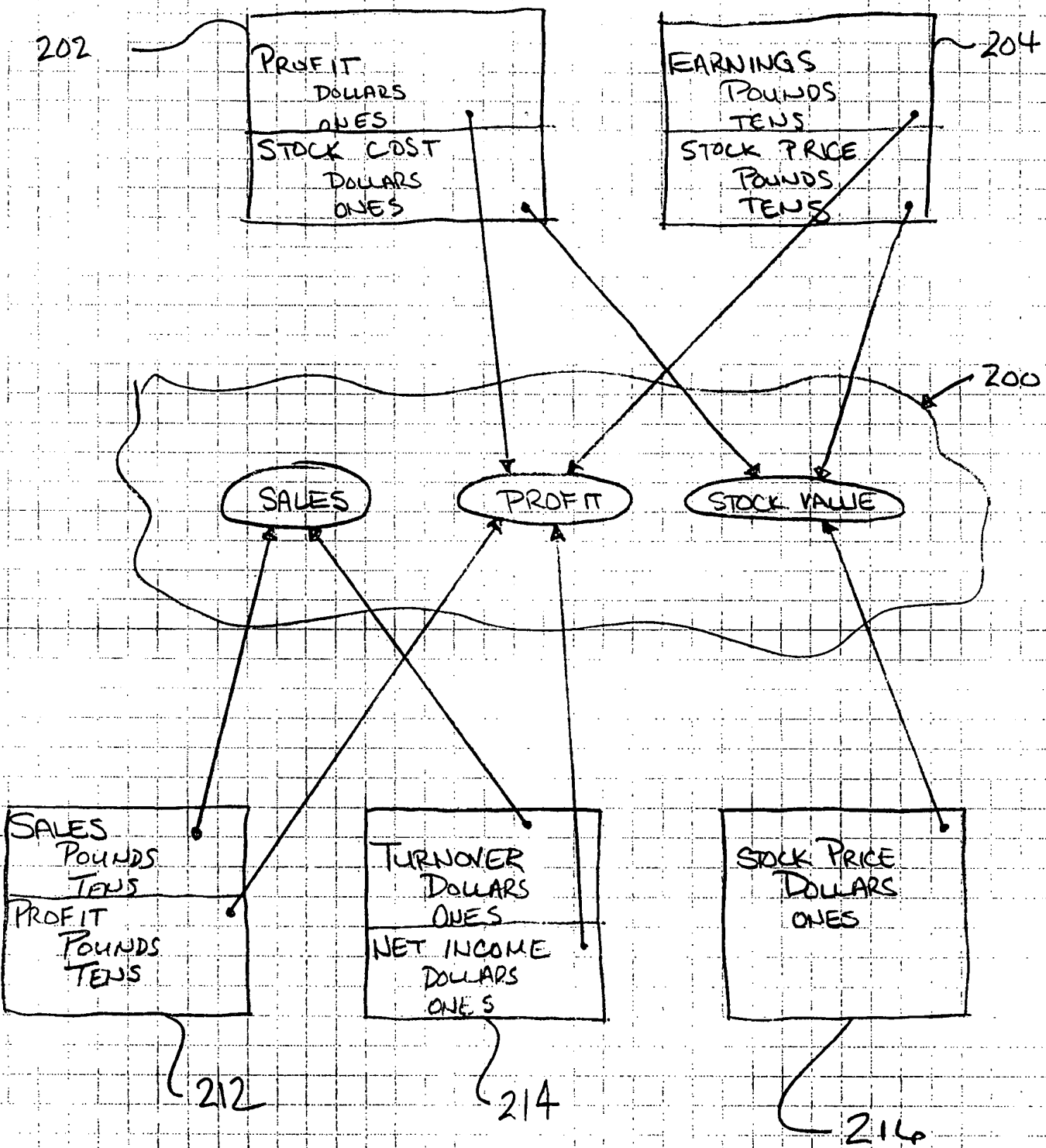
202
PROFIT
DOLLARS
ONES
STOCK COST
DOLLARS
ONES
204
EARNINGS
POUNDS
TENS
STOCK PRICE
POUNDS
TENS
200
SALES
PROFIT
STOCK VALUE
SALES
POUNDS
TENS
PROFIT
POUNDS
TENS
TURNOVER
DOLLARS
ONES
NET INCOME
DOLLARS
ONES
STOCK PRICE
DOLLARS
ONES
212
214
216

FIG. 4

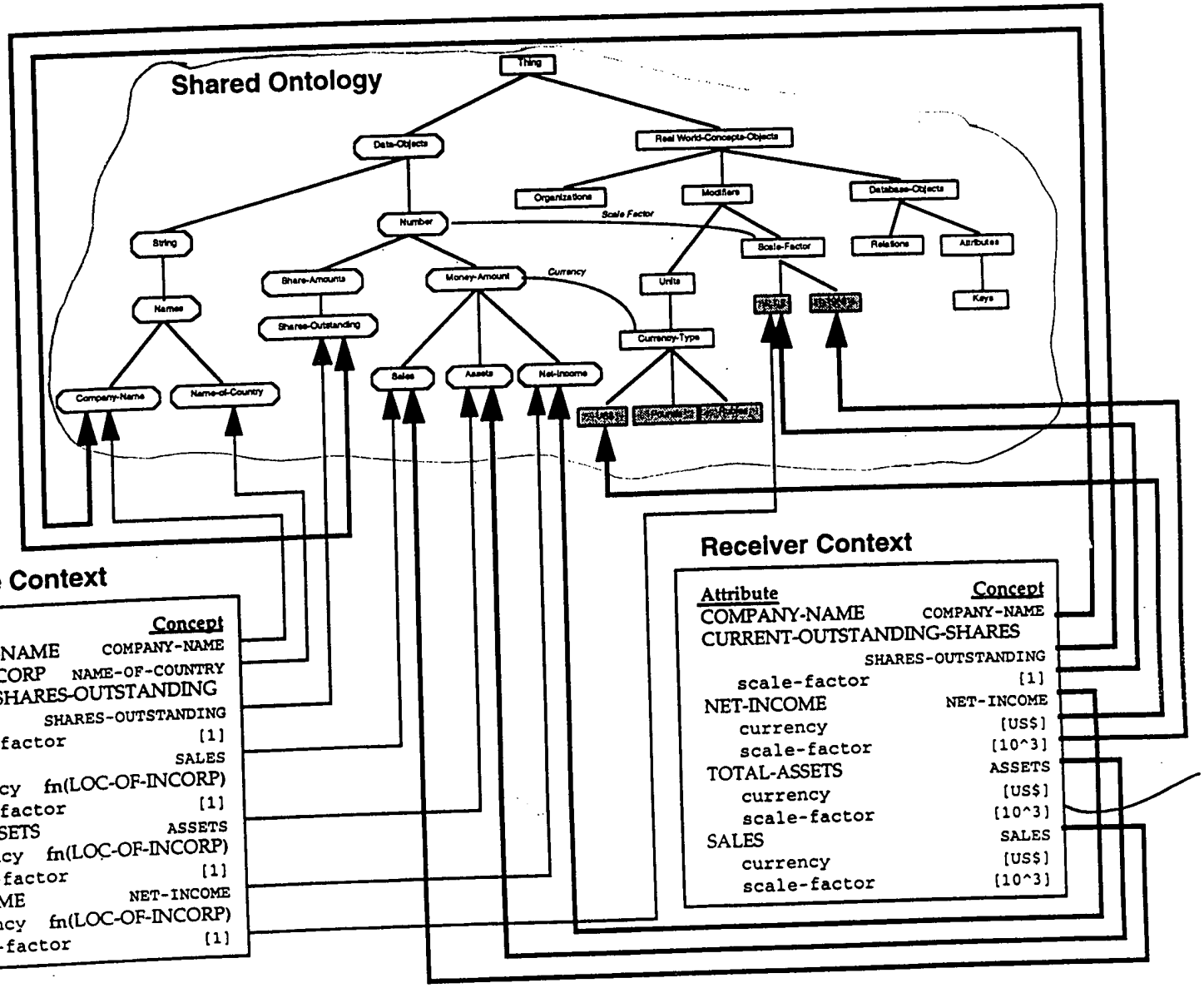

FIG. 5

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